

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/540,018DATE: 10/16/2000
TIME: 22:41:59

INPUT SET: S36009.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

(1) General Information:

- (i) APPLICANT: Salfeld, Jochen G.
Allen, Deborah J.
Hoogenboom, Hendricus R.J.M.
Kaymakcalan, Zehra
Labkovsky, Boris
Mankovich, John A.
McGuinness, Brian T.
Roberts, Andrew J.
Sakorafas, Paul
Schoenhaut, David
Vaughan, Tristan J.
White, Michael
Wilton, Andrew J.

ENTERED

(ii) TITLE OF INVENTION: Human Antibodies that Bind Human TNFa

(iii) NUMBER OF SEQUENCES: 37

(iv) CORRESPONDENCE ADDRESS:

- (A) ADDRESSEE: LAHIVE & COCKFIELD
(B) STREET: 60 State Street, suite 510
(C) CITY: Boston
(D) STATE: Massachusetts
(E) COUNTRY: USA
(F) ZIP: 02109-1875

(v) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

- (A) APPLICATION NUMBER: US 09/540,018
(B) FILING DATE: 31-MARCH-2000
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

- (A) APPLICATION NUMBER: US/08/599,226
(B) FILING DATE: 08-FEB-1996

(viii) ATTORNEY/AGENT INFORMATION:

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/540,018DATE: 10/16/2000
TIME: 22:41:59

INPUT SET: S36009.raw

47 (A) NAME: DeConti, Giulio A., Jr.
48 (B) REGISTRATION NUMBER: 31,503
49 (C) REFERENCE/DOCKET NUMBER: BBI-043
50

51 (ix) TELECOMMUNICATION INFORMATION:
52 (A) TELEPHONE: (617)227-7400
53 (B) TELEFAX: (617)227-5941
54
55

56 (2) INFORMATION FOR SEQ ID NO:1:

57
58 (i) SEQUENCE CHARACTERISTICS:
59 (A) LENGTH: 107 amino acids
60 (B) TYPE: amino acid
61 (D) TOPOLOGY: linear
62

63 (ii) MOLECULE TYPE: peptide

64
65 (v) FRAGMENT TYPE: internal
66

67 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

68
69 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
70 1 5 10 15

71
72 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Arg Asn Tyr
73 20 25 30

74
75 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
76 35 40 45

77
78 Tyr Ala Ala Ser Thr Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
79 50 55 60

80
81 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
82 65 70 75 80

83
84 Glu Asp Val Ala Thr Tyr Tyr Cys Gln Arg Tyr Asn Arg Ala Pro Tyr
85 85 90 95

86
87 Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
88 100 105
89
90

91 (2) INFORMATION FOR SEQ ID NO:2:

92
93 (i) SEQUENCE CHARACTERISTICS:
94 (A) LENGTH: 121 amino acids
95 (B) TYPE: amino acid
96 (D) TOPOLOGY: linear
97

98 (ii) MOLECULE TYPE: peptide
99

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/540,018DATE: 10/16/2000
TIME: 22:42:00

INPUT SET: S36009.raw

100 (v) FRAGMENT TYPE: internal
101
102 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
103
104 Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Arg
105 1 5 10 15
106
107 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Asp Asp Tyr
108 20 25 30
109
110 Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
111 35 40 45
112
113 Ser Ala Ile Thr Trp Asn Ser Gly His Ile Asp Tyr Ala Asp Ser Val
114 50 55 60
115
116 Glu Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
117 65 70 75 80
118
119 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
120 85 90 95
121
122 Ala Lys Val Ser Tyr Leu Ser Thr Ala Ser Ser Leu Asp Tyr Trp Gly
123 100 105 110
124
125 Gln Gly Thr Leu Val Thr Val Ser Ser
126 115 120
127
128

(2) INFORMATION FOR SEQ ID NO:3:

130
131 (i) SEQUENCE CHARACTERISTICS:
132 (A) LENGTH: 9 amino acids
133 (B) TYPE: amino acid
134 (D) TOPOLOGY: linear
135
136 (ii) MOLECULE TYPE: peptide
137
138 (v) FRAGMENT TYPE: internal
139
140 (ix) FEATURE:
141 (A) NAME/KEY: Modified-site
142 (B) LOCATION: 9
143 (D) OTHER INFORMATION: /note= "Xaa is Thr or Ala"
144

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

145
146
147 Gln Arg Tyr Asn Arg Ala Pro Tyr Xaa
148 1 5
149
150

(2) INFORMATION FOR SEQ ID NO:4:

152

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/540,018DATE: 10/16/2000
TIME: 22:42:00

INPUT SET: S36009.raw

153 (i) SEQUENCE CHARACTERISTICS:
154 (A) LENGTH: 12 amino acids
155 (B) TYPE: amino acid
156 (D) TOPOLOGY: linear
157
158 (ii) MOLECULE TYPE: peptide
159
160 (v) FRAGMENT TYPE: internal
161
162 (ix) FEATURE:
163 (A) NAME/KEY: Modified-site
164 (B) LOCATION: 12
165 (D) OTHER INFORMATION: /note= "Xaa is Tyr or Asn"
166
167 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
168
169 Val Ser Tyr Leu Ser Thr Ala Ser Ser Leu Asp Xaa
170 1 5 10
171
172
173 (2) INFORMATION FOR SEQ ID NO:5:
174
175 (i) SEQUENCE CHARACTERISTICS:
176 (A) LENGTH: 7 amino acids
177 (B) TYPE: amino acid
178 (D) TOPOLOGY: linear
179
180 (ii) MOLECULE TYPE: peptide
181
182 (v) FRAGMENT TYPE: internal
183
184 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
185
186 Ala Ala Ser Thr Leu Gln Ser
187 1 5
188
189
190 (2) INFORMATION FOR SEQ ID NO:6:
191
192 (i) SEQUENCE CHARACTERISTICS:
193 (A) LENGTH: 17 amino acids
194 (B) TYPE: amino acid
195 (D) TOPOLOGY: linear
196
197 (ii) MOLECULE TYPE: peptide
198
199 (v) FRAGMENT TYPE: internal
200
201 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
202
203 Ala Ile Thr Trp Asn Ser Gly His Ile Asp Tyr Ala Asp Ser Val Glu
204 1 5 10 15
205

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/540,018DATE: 10/16/2000
TIME: 22:42:00

INPUT SET: S36009.raw

206 Gly

207

208

209

210 (2) INFORMATION FOR SEQ ID NO:7:

211

212 (i) SEQUENCE CHARACTERISTICS:

213 (A) LENGTH: 11 amino acids

214 (B) TYPE: amino acid

215 (D) TOPOLOGY: linear

216

217 (ii) MOLECULE TYPE: peptide

218

219 (v) FRAGMENT TYPE: internal

220

221 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

222

223 Arg Ala Ser Gln Gly Ile Arg Asn Tyr Leu Ala

224 1 5 10

225

226

227 (2) INFORMATION FOR SEQ ID NO:8:

228

229 (i) SEQUENCE CHARACTERISTICS:

230 (A) LENGTH: 5 amino acids

231 (B) TYPE: amino acid

232 (D) TOPOLOGY: linear

233

234 (ii) MOLECULE TYPE: peptide

235

236 (v) FRAGMENT TYPE: internal

237

238 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

239

240 Asp Tyr Ala Met His

241 1 5

242

243

244 (2) INFORMATION FOR SEQ ID NO:9:

245

246 (i) SEQUENCE CHARACTERISTICS:

247 (A) LENGTH: 107 amino acids

248 (B) TYPE: amino acid

249 (D) TOPOLOGY: linear

250

251 (ii) MOLECULE TYPE: peptide

252

253 (v) FRAGMENT TYPE: internal

254

255 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

256

257 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Ile Gly

258 1 5 10 15

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/540,018

DATE: 10/16/2000
TIME: 22:42:01

INPUT SET: S36009.raw

Line	Error	Original Text
16	Response Exceeds Line Limitations	White, Michael
17	Response Exceeds Line Limitations	Wilton, Andrew J.